

HISTORIC AMERICAN ENGINEERING RECORD  
INDEX TO PHOTOGRAPHS

HAER  
ALA  
37-BES  
5A-

SOUTHERN DUCTILE CASTING COMPANY,  
MELTING  
2217 Carolina Avenue  
Bessemer  
Jefferson County  
Alabama

HAER No. AL-125-A

NOTE: Photographer Jet Lowe, August, 1995. All photographs shot  
at 2500 ASA with a yellow filter 5000 ASA

- AL-125-A-1      SCRAP STEEL AND FOUNDRY SCRAP IRON, USED AS THE  
PRIMARY METAL SOURCES, ARE STORED IN THESE BINS  
AND LIFTED TO SCALES BY AN ELECTRIC MAGNET.
- AL-125-A-2      WORKER REMOVING COVER OF FURNACE IN PREPARATION  
FOR CHARGING.
- AL-125-A-3      WORKER CHARGING FURNACE.
- AL-125-A-4      WORKER CHARGING FURNACE.
- AL-125-A-5      FURNACE CHARGING.
- AL-125-A-6      FURNACE CHARGING.
- AL-125-A-7      WORKER REPLACING COVER ON FURNACE.
- AL-125-A-8      IRON MELTING.
- AL-125-A-9      WORKER REMOVING SLAG FROM THE MOLTEN METAL BATH IN  
THE ELECTRIC FURNACE AFTER ADDING A CHEMICAL  
COAGULANT TO FORCE IT TO THE SURFACE.
- AL-125-A-10     ELECTRIC FURNACES TILT AROUND A PIVOT UNDER THE  
SPOUT TO FILL BULL LADLES BELOW THE CHARGING DECK.  
THE REAR VIEW OF A POURING ELECTRIC FURNACE FROM  
THE CHARGING DECK IS SHOWN HERE.
- AL-125-A-11     ELECTRIC FURNACES TILT AROUND A PIVOT UNDER THE  
SPOUT TO FILL BULL LADLES BELOW THE CHARGING DECK.  
THE REAR VIEW OF A POURING ELECTRIC FURNACE FROM  
THE CHARGING DECK IS SHOWN HERE.
- AL-125-A-12     ELECTRIC FURNACES TILT AROUND A PIVOT UNDER THE  
SPOUT TO FILL BULL LADLES BELOW THE CHARGING DECK.  
THE REAR VIEW OF A POURING ELECTRIC FURNACE FROM  
THE CHARGING DECK IS SHOWN HERE.